

Title (en)
ELECTRODE FOR ENERGY STORAGE DEVICE

Title (de)
ELEKTRODE FÜR EINE ENERGIESPEICHERANORDNUNG

Title (fr)
ÉLECTRODE POUR DISPOSITIF DE STOCKAGE D'ÉNERGIE

Publication
EP 2082408 A2 20090729 (EN)

Application
EP 07854145 A 20071017

Priority
• US 2007081703 W 20071017
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Abstract (en)
[origin: WO2008049037A2] Particles of active electrode material are made by blending or mixing a mixture of activated carbon, optional conductive carbon, and binder. In selected implementations, the activated carbon particles have between about 70 and 98 percent microporous activated carbon particles and between about 2 and 30 percent mesoporous activated carbon particles by weight. Optionally, a small amount of conductive particles, such as conductive carbon particles may be used. In one implementation, the binder is inert. The electrode material may be attached to a current collector to obtain an electrode for use in various energy storage devices, including a double layer capacitor.

IPC 8 full level
C04B 35/532 (2006.01); **H01G 9/04** (2006.01); **H01G 11/28** (2013.01); **H01G 11/70** (2013.01); **H01M 4/04** (2006.01); **H01M 4/1393** (2010.01); **H01M 4/58** (2010.01); **H01M 4/583** (2010.01)

CPC (source: EP KR US)
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